

Claims:

1. A modular platform assembly for providing at least one breadboard surface level above a breadboard table (T), said modular platform assembly comprising:

a rectangular breadboard plate (20) which has a plurality of attachment holes (22) and a positioning hole (23) at each corner thereof,

a pillar member (30,60) for supporting each corner of a breadboard plate, each pillar including pins (32, 64) that axially extend from a first end (33,63) thereof and four blind bores (34) that axially extend into a second end (35) thereof, and

a base member (40) for supporting each pillar on said breadboard table, each base member including a plate (41) having a first element (43) at a center thereof for connection to a hole (h) in said breadboard table to connect said base member to said table, a second member (44) for connection to another hole in said breadboard table to non-rotatably position said base member in place on said table, and a plurality of dowels (45) which extend upwardly from said plate to fit within corresponding blind bores in a second end of a pillar member,

said breadboard plate being positionable on four pillar members such that each of said positioning holes thereof fits over a respective pin of one of said pillar members.

2. A modular platform assembly according to claim 1, wherein a plurality of said breadboard plates are supported by a plurality of said

pillar members mounted on respective base members to provide an enlarged breadboard surface level above said breadboard table.

3. A modular platform assembly according to claim 1, wherein additional pillar members are positioned above pillar members supporting a breadboard plate by fitting blind bores thereof over pins of a pillar member therebelow, and additional breadboard plates are positioned on said additional pillar members to provide an additional breadboard surface level above said breadboard table.

4. A modular platform assembly according to claim 1, wherein said pillar members are hollow and include access holes (31) in a side wall thereof.

5. A modular platform assembly according to claim 1, wherein said first and second members are screws.

6. A modular platform assembly according to claim 1, wherein said breadboard plate is made of plastic.

7. A modular platform assembly according to claim 1, wherein said plurality of attachment holes are in a rectangular pattern.

8. A modular platform assembly according to claim 1, wherein said pillar member includes a peripheral channel (35) which communicates with each of said blind bores, wherein each dowel of said base member includes a groove (46) therein that will be in register with said peripheral channel when said dowel is positioned in a respective blind bore, and including a ring member (50) that is positionable in said peripheral

channel and into said grooves to lock said pillar member and said base member together.

9. A modular platform assembly for providing at least one breadboard surface above a breadboard table (T), said modular platform assembly comprising:

a rectangular breadboard plate (20) which has a pattern of threaded holes (22) and a positioning hole (23) at each corner thereof,

a pillar member (60) for supporting each corner of a breadboard plate, each pillar member having a lower body portion (65) and an enlarged hollow top portion (61), said enlarged hollow top portion including a radially-outwardly extending annular flange (63) and pins (64) extending upwardly from said flange, said pins fitting in a positioning hole in a corner of a breadboard plate, a lower body portion of one pillar member fitting downwardly within an enlarged hollow top portion of another pillar member therebelow to abut a shoulder (62) therein,

said breadboard plate being positionable on four said pillar members such that each of said positioning holes thereof fits over a respective pin of one of said pillar members and is upwardly removable therefrom even with another pillar member positioned thereover.

10. A modular platform assembly according to claim 9, wherein each said pillar member includes four equally peripherally spaced pins extending upwardly from said annular flange.

1-1. A work clamp for use on a breadboard surface (T,20) having a pattern of holes (h, 22) therein, said work clamp comprising:

an elongated base (71) having two elements (72,73) for attachment to two holes in said breadboard surface, first and second spaced block posts (74,77), and a first pad (78) therebetween, and

an elongated flange (78) pivotally connected to said first block post and attachable to said second block post, said elongated flange including a second pad (82) for cooperation with said first pad to clamp a workpiece therebetween.

12. A work clamp according to claim 11, wherein said two members are screws.